



## State of Utah

### Department of Natural Resources

MICHAEL R. STYLER  
*Executive Director*

### Division of Oil, Gas & Mining

MARY ANN WRIGHT  
*Acting Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

April 15, 2005

TO: Mary Ann Wright, Acting Director

THRU: Mark Mesch, Acting Associate Director, Mining

FROM: Pamela Grubaugh-Littig, Permit Supervisor

RE: Coal Regulatory Program 2005 First Quarter Status Report –  
Permitting, Compliance and Administrative

#### PERMITTING

#### New Mines/Permit Extensions/Incidental Boundary Changes (IBC)

#### Lila Canyon Tract - Horse Canyon Mine (UtahAmerican Energy, Inc.)

Utah AmericanEnergy, Inc. acquired the Horse Canyon Mine permit on December 21, 1998. The application for the permit extension to the Horse Canyon Mine was received on September 8, 1998. This application was determined incomplete on November 6, 1998 and returned to the applicant. The applicant resubmitted this application on December 21, 1998. This application was determined administratively complete on February 26, 1999.

A concern letter about loss of surface water was received on March 30, 1999 from Josiah K. Eardley in response to the publication notice. The Division responded in a letter to Mr. Eardley on April 7, 1999 with more information and notified him that he could request an informal conference if need be. No conference was requested.

The technical adequacy of this application involved six rounds of deficiencies from May 27, 1999 to March 9, 2001. Responses were received through May 24, 2001. All findings were made and the revised permit was issued on July 27, 2001. The Mining Plan Approval was signed by the Secretary on November 5, 2001.

Southern Utah Wilderness Alliance (SUWA) filed an objection to the permit on September 4, 2001 with the Board of Oil Gas, and Mining. Determination of the type of hearing and the administrative record was heard during

the September 26, 2001 Board hearing and October Board Hearing. It was ordered by the Board that this was an appellate hearing. The merits of the case were heard on December 4, 2001. The Board issued its Order on December 14, 2001 that reversed the Division's decision to issue the permit of July 27, 2001 and the permit was denied.

The Division responded to the Board's remand Order and submitted to the Board on January 10, 2002 a request for rehearing and a response to the Board Order. At the January 23, 2002 Board Hearing, the Board ordered the Division to "continue processing the permit". UEI submitted an application on February 11, 2002 with supplemental information on February 19, 2002. The Division determined the new permit application administratively complete on February 25, 2002. Technical deficiencies were sent on March 26, 2002, with a response due on April 30, 2002. The public comment period ended April 22, 2002.

SUWA requested an informal hearing on March 22, 2002, but withdrew. SUWA resubmitted a request for a hearing at the end of the public comment period, April 22, 2002. An informal hearing was held on May 21, 2002. The Order from the Hearing stated that the Division would consider the materials submitted at the informal conference during the normal course of its ongoing review of the new permit and that the Division would issue a decision to grant or deny the permit application in whole or part and provide its reason for the decision by July 22, 2002. The Division met informally with UEI on June 17, 2002 to discuss its ongoing review of the new permit application.

The Division sent the decision that the application was denied in part on July 22, 2002. UEI filed a motion with the Board, and SUWA subsequently filed the same motion, to maintain their right to appeal the Division's decision, when appropriate. The Board decided at the September 2002 Board hearing to maintain both appeal rights for SUWA and UEI when the Division makes a final decision on the permit extension application (Lila Canyon) to the Horse Canyon Mine.

UEI submitted a response to the deficiencies on December 6, 2002. The review was sent on April 9, 2003 with deficiencies. The applicant was advised that the application must again respond to all of the deficiencies completely and adequately in the next response.

The response was received on February 26, 2004 and was reaffirmed to be administratively complete on March 26, 2004. The application was published and the publication ended on May 27, 2004. SUWA requested an informal conference, which was held on July 7, 2004. The Order from this informal conference was issued on July 30, 2004.

The technical review was sent on November 30, 2004 and did not incorporate the comments from the informal conference but did encourage the

application to address issues identified during the informal conference.

UEI submitted a response to deficiencies on February 28, 2005 and is currently under review. Additionally, on March 30, 2005 UEI submitted a response to comments from SUWA concerning the Lila Canyon Mine.

*South Crandall Lease – Crandall Canyon Mine (Genwal Resources, Inc.)*

An application to add 880 acres of federal coal at the Crandall Canyon Mine was submitted on September 16, 2003. This application was determined complete on October 7, 2003. The publication started on December 16, 2003. Public comments ended on February 6, 2004 with no comments. Genwal Resources, Inc. submitted 40 additional acres for review in April 2004. The state issued a permit on April 1, 2005 with the condition that no mining would be allowed in this lease until the mining plan is approved by the Secretary. The Division forwarded the State Decision Document to OSM on April 1, 2005 and is awaiting mining plan approval.

*North Rilda Facilities – Deer Creek Mine (PacifiCorp)*

The application to add facilities in Rilda Canyon for the Deer Creek Mine was submitted on November 4, 2003. OSM made a determination that this permit change requires mining plan approval of the Secretary of the Interior on November 24, 2003. Forest Service formulated an interdisciplinary team for this mining plan modification and met on the ground on December 18, 2003.

The Division determined that this application was not administratively complete on December 29, 2003.

By letter dated January 8, 2004, OSM reopened the Rilda facilities mining plan modification determination for formal comments. It was again determined on March 10, 2004 by OSM, that this permitting action is a mining plan modification. It was also determined that OSM would be the lead on the NEPA (EA) and the Division of Oil, Gas, and Mining will prepare the documentation with OSM assistance where appropriate. The Forest Service and Bureau of Land Management will be cooperating agencies in the preparation of the EA.

Meetings to discuss this NEPA preparation were held at the Division on March 22 with OSM and DOGM and on March 23, 2004 with OSM, FS, and BLM, coal regulatory program staff, and the OGM-appointed NEPA team.

Another scoping meeting for the NEPA process was held in Huntington on August 11, 2004. A new proposal was submitted by PacifiCorp on September 2, 2004. This proposal was withdrawn on December 9, 2004. A plan was resubmitted on December 21, 2004 and was determined administratively complete on January 28, 2005. No comments were received. The Title V review

team met with PacifiCorp on March 26, 2005 and PacifiCorp resubmitted on April 1, 2005. This plan is currently under review.

*SITLA Lease - Dugout Mine (Canyon Fuel Company, LLC)*

The Dugout SITLA Lease was submitted on January 14, 2004. The Division determined this application was not complete on February 24, 2004. Canyon Fuel Company, LLC submitted the response on March 26, 2004. The application was determined administratively complete on May 18, 2004. Public comment ended on August 6, 2004 with no public comments.

A technical review was sent on August 3, 2004 and a response was received on November 29, 2004. A review was sent on and the response was received on March 22, 2005. This application is under review.

*Federal Lease Expansion - Horizon Mine (Hidden Splendor Resources, Inc.)*

Hidden Splendor Resources, Inc. submitted an application for a permit area expansion of 886 acres on May 18, 2004. The application was determined administratively complete on July 9, 2004. As a result of the publication, there was a request for an informal conference. This conference was originally scheduled for October 22, 2004, but due to unforeseen circumstances has been scheduled to November 19, 2004.

The technical review was sent on September 21, 2004 and the Informal Conference was held on November 19, 2004. The response from the operator was received on January 13, 2005. The staff review was sent on March 10, 2005 and the response was received on April 8, 2005. This response is currently under review.

*Summit Tract IBC- Centennial Mine (Andalex Resources, Inc.)*

Andalex Resources, Inc. submitted an application for the Summit Creek Tract (as of that date not leased) on April 8, 2004. This application was withdrawn on May 7, 2004 and an incidental boundary change (for 92.32 acres) was submitted on that date. The lease sale was held on June 24, 2004 and the bid accepted by BLM on June 30, 2004. There was a 30-day waiting period for approval of a lease, pending a review by the Department of Treasury, the lease became effective on August 1, 2004. This mining plan for the IBC was approved on October 28, 2004.

The remainder of the Mathis fee/Summit tract was submitted on January 12, 2005. This application was determined complete on April 14, 2005. The technical deficiency will be sent sometime during the second quarter.

Penta Creek IBC- West Ridge Mine (West Ridge Resources, Inc.)

An application for 46.35 acres for an incidental boundary change at the West Ridge Mine was submitted on June 4, 2004. The technical review was sent on July 19, 2004 and was due on October 19, 2004 but an extension until January 20, 2005 was requested. This application was withdrawn on February 22, 2005 and an application for mining of the gate entries only in Panel #7 was submitted on March 7, 2005. This application was approved on April 15, 2005.

Postmining Land Use Change – Banning Loadout (Canyon Fuel Company, LLC)

The Division received an application for a postmining land use change at the Banning Loadout to accommodate a dry ice plant on May 26, 2004. This is considered a significant revision and the application was determined complete on July 22, 2004 and publication is final. The end of the publication period was September 21, 2004 and the comment period will be October 21, 2004. The technical review was sent on September 21, 2004 and the response was due on November 13, 2004 and then extended to December 31, 2004.

There are still more deficiencies and they were sent on March 31, 2005.

North Lease – Full Extraction Mining (Skyline Mine)

Canyon Fuel Company, LLC submitted an application for full extraction mining in the North Lease on July 2, 2004. This application was determined to be a mining plan modification by OSM (e-mail notification) on September 27, 2004. This application is being processed as a significant revision. It was determined complete on October 29, 2004. The technical review was combined with Forest Service comments which entailed several meeting with the Forest Service. Review comments were sent on February 23, 2005. The applicant will respond in early May 2005.

**Division Orders**

West Ridge Mine (West Ridge Resources, Inc.)

Division Order DO-00A was issued on April 16, 2000 and information was initially required to be submitted on June 16, 2000 and was extended to July 14, 2000 and then September 18, 2000. The response was received on September 18, 2000 and a response was sent December 18, 2000. The operator response was received on March 16, 2001 and the Division returned the entire submittal on May 11, 2001. The entire response to the Division Order was resubmitted on July 2, 2001, the deficiency response was sent on October 22, 2001. This information was submitted on January 15, 2002 and the review was sent April

10, 2002 requiring more information.

A meeting was held at the Division on June 14, 2002 to discuss exactly what was needed. Another extension until August 15, 2002 was granted for the submittal of all the requisite information. The response was submitted that date and another deficient review was sent on November 26, 2002. A response was due on January 21, 2003, but more specific information was received on that date and an extension until February 21, 2003 was granted to incorporate that information into the mining and reclamation plan. Another extension was granted until March 14, 2003.

The Division sent the deficiency response with the caveat that the highwall can be reclaimed currently at the angle of repose. To reclaim the highwall to a steeper angle will require more information. The Division sent a request to OSM on July 3, 2003 about a possible change in the experimental practice for a determination if the change would be significant. OSM determined that this is not a significant change to the experimental practice.

A meeting was held on July 15, 2003 to discuss the steep slope reclamation. After a lengthy discussion, West Ridge Resources, Inc. decided that they would submit a reclamation plan for the highwall at a lesser slope angle. The Division granted an extension to May 31, 2004 for all of the requisite information for this revised plan. The information was received on June 1, 2004 and the technical review was completed on September 15, 2004. A meeting was held with the operator to discuss this review on November 22, 2004 and understandings were reached. West Ridge Resources, Inc. should have resubmitted all the required information on February 15, 2005, but was granted an extension until April 4, 2005 due to all of the critical permitting actions at West Ridge Mine.

#### *Wildcat Loadout (Andalex Resources)*

The Division sent a Division Order to Andalex Resources, Inc. for the coal fine issue on December 10, 2004. A response from the operator was received on March 15, 2005 and is under review.

### **Permit Renewals**

One application for permit renewal was processed: Trail Mountain Mine.

#### *Trail Mountain Mine (PacifiCorp)*

The permit renewal application was submitted on October 21, 2004 and determined administratively complete on November 15, 2004. This permit was renewed on February 21, 2005.

### **Midterms**

The Centennial Mine and Soldier Canyon Mine midterms were approved. The Skyline Mine, Hiawatha Mine, Soldier Canyon Mine, and SUFCO Mine midterms continued during the first quarter.

#### **Centennial Mine (Andalex Resources, Inc.)**

The Centennial Mine midterm commenced on April 2, 2004. Deficiencies were sent on July 2, 2004. Conditional approval was issued on September 27, 2004, and clean copies were sent on January 21, 2005 for final approval.

#### **Skyline Mine (Canyon Fuel Company, LLC)**

The Skyline Mine midterm commenced on November 18, 2004. The review was sent on April 13, 2005.

#### **Hiawatha Mine (Hiawatha Coal Company)**

The Hiawatha Mine midterm commenced on November 18, 2004.

#### **Soldier Canyon Mine (Canyon Fuel Company, LLC)**

The Soldier Canyon Mine midterm commenced on October 26, 2004. The review was sent on January 6, 2005, with a response on January 13, 2005. The final approval was issued on March 10, 2005.

#### **SUFCO Mine (Canyon Fuel Company, LLC)**

The SUFCO Mine midterm commenced on November 23, 2004.

### **Permit Transfers**

No permit transfers were processed during the first quarter of 2005.

### **Bond Releases**

Two bond release applications were filed during the first quarter of 2005: two Phase I bond releases at Castle Gate Mine: the remaining portions of Sowbelly and Hardscrabble.

#### **Castle Gate Mine – Phase I (Sowbelly and Hardscrabble) Plateau Mining Corporation)**

The Sowbelly and Hardscrabble remaining phase I bond release

applications for these sites were submitted on January 31, 2005. The review is pending. It is expected to conduct the bond release inspection during the summer of 2005.

### **Bond Changes**

No bond amount changes were made during the first quarter of 2005.

### **Reclamation**

#### *Willow Creek Mine (Plateau Mining Corporation)*

Plateau Mining Corporation submitted a permanent cessation notice to the Division for Willow Creek Mine on September 5, 2002. Reclamation commenced at the end of 2002. It was decided to reclaim the preparation plant as well. The conveyor was dismantled during the second quarter of 2003 and the process building in the fourth quarter of 2003. Demolition of the remaining buildings at the preparation plant continued during the first quarter of 2004.

The backfilling of the Crandall Canyon shafts was completed in August 2003 and reclamation at the Crandall Canyon area was completed on November 20, 2003.

The Schoolhouse Canyon reclamation commenced in January 2004. Highwall reclamation behind the offices commenced and continued during the second quarter. All reclamation work (except removal of the loadout) was completed on October 4, 2004.

The removal of the loadout will occur in 2005.

#### *White Oak Mine (Lodestar in Chapter 7 Bankruptcy)*

The Division issued the Determination to Forfeit at the White Oak Mine on May 1, 2003. Chapter 7 was filed by Lodestar Energy, Inc. on July 15, 2003. The Division negotiated with the Bankruptcy Trustee and Frontier Insurance to stabilize this site. The amount of \$999,000 was escrowed from Frontier Insurance Company on October 3, 2003. Ledcor (the Frontier contractor) started work at the White Oak Mine on October 13, 2003. Ledcor (the contractor for Frontier) left the site for the winter on December 17, 2003. Reclamation work at the White Oak Loadout is being done by the Mark Wayment group. The bonded amount of \$4,292, 000 has been removed from the current reclamation bonding amounts.

On August 18, 2004, Lodestar trustee Bill Bishop filed the master settlement between various parties (including Renco and Wexford Capital) for reclamation in a



“General Settlement Fund” outside of the Lodestar bankruptcy estate. Utah received \$1.217 million dollars as part of this Settlement Agreement.

The contract with the Frontier contractor, Ledcor, was terminated by the Division and on September 8, 2004, a withdrawal from the Escrow Fund in the total amount of \$318,128.60 was requested for transfer to the state of Utah, Division of Oil, Gas and Mining, for the sole benefit of reclamation of the Lodestar Energy, Inc.’s Whiskey Creek Mine.

VCM contractors were awarded the contract for reclamation at the Whiskey Creek Mine. Reclamation work started on October 4, 2004 and ended on November 4, 2004. Work will resume in spring 2005.

AMR program is administering the reclamation work at this site.

#### **Permit Changes**

There were 25 new amendments received and 13 amendments were approved during the first quarter of 2005.

#### **Exploration**

Three exploration applications were being processed during the first quarter of 2005.

### **COMPLIANCE**

There were 46 partial inspections and 28 complete inspections conducted from January 1, 2005 to March 31, 2005. No violations or cessation orders were issued during the first quarter of 2005.

Four mines were inspected with only a complete inspection during the fourth quarter of 2004 due to temporary cessation: Banning Loadout (March 7, 2000), Soldier Canyon Mine (March 25, 1999), Trail Mountain Mine (May 2, 2001), and Cottonwood/Wilberg Mine (May 24, 2001). The Horse Canyon Mine is inspected once quarterly because they have received Phase II bond release in April 2002.

Willow Creek Mine went into temporary cessation on December 11, 2000 and into permanent cessation on September 5, 2002. Star Point Mine went into temporary cessation on February 11, 2000 and into permanent cessation on June 5, 2000 and is inspected monthly. Des-Bee-Dove Mine commenced reclamation and has been inspected monthly since September 1999. Emery Deep was put on a monthly inspection basis during the first quarter of 2002.

Star Point Mine Refuse was added to the inspection list in December 2003, there are now twenty-four operations inspected monthly.

### **Citizen Complaints**

There were no citizen complaints filed during the first quarter of 2005.

### **OSM/Utah Coal Regulatory Program Evaluation**

The Coal Regulatory Program Evaluation Agreement for the OSM/Utah Annual Evaluation Plan for the period from July 1, 2004 through June 30, 2005 was signed on November 9, 2004.

There was one joint OSM/Utah complete inspections conducted during the first quarter of 2005 at Wellington Preparation Plant.

Regulatory Program Evaluation Agreement for the OSM/Utah Annual Evaluation Plan for the period from July 1, 2004 through June 30, 2005 was signed on July 12, 2004. The topics for the EY 2005 include:

- ❖ Informal Conference Administration – (Customer Service)
- ❖ Topsoil Stockpile Protection (Reclamation Success)
- ❖ Bond Forfeiture Sites (Offsite Impacts)
- ❖ Undermining Perennial Streams (Reclamation Success)

The Emery County water users wrote a concern letter to OSM about the implementation of the Division's water replacement rules on October 13, 2004. The Division responded to OSM on November 30, 2004. There was a meeting with the Division, OSM and the water users on January 19, 2005 to discuss this issue.

The Division sent a letter to OSM on March 4, 2005 and received OSM's response via letter on March 24, 2005.

## **ADMINISTRATIVE**

### **Board Matters/Rulemaking**

#### **732 Rules (UT-038-FOR)**

This program amendment was approved with stipulations by OSM through Federal Register notice on April 24, 2001, effective on that same date. As a follow-up to these stipulations, legislation regarding increasing the production limits for operators who want to apply for the Small Operator Assistance Program (SOAP) grants from 100,000 tons to 300,000 tons per year to be consistent with

OSM/Federal regulatory language passed during the 2002 legislative session as SB72.

The SOAP part of this topic was submitted to OSM on October 22, 2002 and was numbered UT-042-FOR. A response was received from OSM on February 21, 2003 requesting some minor changes to the proposal. The Division needs to clarify one change and make a minor adjustment. A DOGM response is not possible due to other legislative priorities in the 2005 Session. Tentatively, a bill will be included in the Division's legislative initiative for 2006.

#### Formal Rulemaking

The proposed rule changes to R645-100-200-General Contents; R645-303-200 – Coal Mine Permitting, Change, Renewal and Transfer, Assignments or Sale of Permit Rights; R645-301-500- Engineering; and R645-401- Inspection and Enforcement: Civil Penalties were published in the Utah Bulletin on November 15, 2003 and the Board conducted a formal hearing to listen to verbal comments on December 3, 2003. The record was held open for written comments to be submitted by December 15, 2003. A report to the Board and a request to adopt the rule changes was made to the Board on January 28, 2004. The Board agreed to proceed with Formal rulemaking at the January hearing and each of the rule changes was made effective on February 6, 2004 through a filing at the Division of Administrative Rules. These rules will be submitted to OSM as a program amendment sometime in the future.

#### Five-Year Rules Review

The five-year review of rules R645-105 (Blaster Certification) and R645-400 (Inspection and Enforcement: Authority and Procedures) was sent to the informal review group on November 5, 2004 (with a 30 day review period). The Board agreed at the December 1, 2004 Hearing that these rules could proceed to be renewed for five years if no adverse comments were received.

#### **Public Outreach**

##### Interagency Conference Calls

The Division discusses coal mining issues monthly with the BLM, Forest Service, SITLA, and OSM either by conference call or via a face-to-face meeting and takes the lead by preparing agendas and leading the discussion for these calls or meetings. These conference calls promote communication among the agencies that are involved with coal mine permitting.

Interagency calls were conducted on January 11, February 15, and March 22, 2005.

A sub committee of the interagency group entitled, "Interagency Coal Operating Procedures" (ICOP) Committee met on July 22 and 23, 2003 in Park City with two representatives from each agency to discuss coordination issues and prepare a "working agreement" as well as the role of "consult" or "consent" for permitting actions.

The ICOP committee met several more times to flush out the working agreement with 5 appendices. Three basic issues were also identified that needed to be addressed by the Coal Managers.

- Does the Forest Service have authority to impose restrictions on subsidence in leases under authority granted under the Mineral Leasing Act of 1920, as amended and in mine permits under authority of the Surface Mining Control and Reclamation Act of 1977 and implementing regulations, that the agency determines necessary for the protection of non-mineral interests?
- For proposed operations on NFS lands/Federal coal, is Forest Service concurrence to post-mining land uses and measures for the protection of non-coal interests required for mine permit changes that are determined by OSM not to constitute Mine Plan Modifications under the Mineral Leasing Act under 30 CFR 944.30 Art. VI(B)(5)?
- For operations on NFS lands/State coal (Utah School Lands Exchange Act), is Forest Service concurrence to post-mining land uses and conditions for protection of non-mineral interests required prior to permit issuance/change or is only non-binding consultation required?

The ICOP committee presented the draft working agreement to the Coal Managers on November 13, 2003. The Coal Managers met on December 9, 2003, January 8, 13, and 20, 2004. The Managers at the Office of Surface Mining (Allen Klein, WRCC, Regional Director and Jim Fulton, WRCC, Field Office Director, Bureau of Land Management (Sally Wisely, Utah BLM Director), Forest Service (Alice Carlton, Forest Supervisor, Manti LaSal National Forest and Jack Troyer, Regional Forester), Division of Oil, Gas, and Mining (Lowell Braxton, Director and Mary Ann Wright, Associate Director of Mining) met on January 23, 2004 to further discuss the issues.

Coal managers met on May 13, 2004 in Price as well as on June 17, 2004 where the Forest Service made a PowerPoint presentation suggesting resolution to the three-above-noted issues and again on September 16, 2004.

The ICOP group met on November 10, 2004 to finalize changes to the Working Agreement and the Attachments. A tentative date of December 6, 2004 was set for signing the Working Agreement, but was delayed to several more changes that will need to be made after the first of the year. Tentative changes to the ICOP agreement were sent to the ICOP in early April 2005. The ICOP group

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will finalize and send to the Coal Managers in May 2005.

The Utah Cooperative Agreement is being revised to resolve issues and clarify the roles of the federal land management agency in the Utah Coal permitting process. These changes will be sent to OSM.

*Water User Outreach*

The quarterly Division water user group outreach meeting was held in on January 19, 2005 in Emery County with coal operators and water users to discuss water issues.

an  
Attachment: Permit Acreages  
cc: Wayne Hedberg  
Susan White  
Paula Dupin-Zahn  
Jim Springer  
Public Information Center  
Price Field Office  
O:\STATUS.RPT\stat2005firstquarter.doc

UTAH MINES - PERMIT ACREAGE (March 31, 2005) (with forfeiture sites)				
Mine Name	Federal Lands	Non-Federal Lands	Disturbed Area	Permit Total
Banning	24.42	12	21.6	36.42
Bear Canyon	1,646.71	1729.47	36.64	3,376.18
Blazon* (Forfeited - Reclamation Completed on October 4, 2000)		7	7	7
Boyer* (Forfeited - Reclamation completed on November 20, 1997)		129	129	129
Castle Gate	5115.57	2503.43	63	7619
Centennial	5,436.04	1165.98	35.27	6602.02
Convulsion Canyon (SUFCO)	23,952.95	2814.19	27.364	26, 767.14
Cottonwood/Wilberg	6786.88	100	62.82	6886.88
Crandall Canyon	4,499	1,736.8	10.7	6,235.8
Deer Creek	16, 028.72	6740.34	84.34	22,769.06
Des Bee Dove		154.86	23.88	154.86
Dugout Mine	2467	6976.71	51.1	9443.71
Emery Deep	805	4,255	289.6	5,060
Gordon Creek #2, #7, & #8		179.27	34.15	179.27
Gordon Creek #3 & #6 *(Final bond Release 5/22/98)				
Hiawatha	5,724	6,453	290	12,177
Hidden Valley		960	6.7	960
Horizon	1681.49	317.50	9.5	1998.99
Horse Canyon	5203.17	828.9	122.49	6032.07
Huntington #4 *(Final bond release 5/22/98)				
J.B. King * (Final bond release on 3/24/2000)				
Knight* (Final bond release 4/20/98)				
New Tech* (Forfeited reclaimed, Exploration, not perm. Program)		3	3	3
Savage Coal Terminal		160	122.28	160
Skyline	9688	686	79.12	10,374
Smoky Hollow*				
Soldier Canyon	4329.15	2295.49	24.32	6624.64

Star Point	6,786.55	2,133.36	113.34	8919.91
Star Point Waste Fuel (Refuse)	152.81		88.78	152.81
Summit Minerals* (Forfeited - Reclamation Completed on April 17, 1997)		14	14	14
Sunnyside (Forfeiture 11/22/96 - Reclamation Complete on 7/1/99)		287.4	287.4	287.4
Sunnyside Cogeneration		310	202	310
Trail Canyon (Final bond release on 12/28/2000)				
Trail Mountain	3,485	54	10.69	3,539
Wellington Prep Plant		1573.5	392	1573.5
White Oak #1 & #2	2,518.59	1387.41	151.1	3906
Wildcat Loadout	100		63.7	100
Willow Creek	4,974.49	9,688	154.04	14,662.49
West Ridge Mine	3,083.38	2987.17	29.06	6070.55
TOTALS	114,568.92	58,643.51	3090.36	173,101.35

Notes:

Blazon Mine is in forfeiture (to be reclaimed by DOGM)

Sunnyside Mine is in forfeiture (being reclaimed by DOGM)

Gordon Creek #3 and #6 (final Phase III bond release on 5/22/98, state coal leases terminated) (17.3 acres released)

Huntington #4 (final Phase III bond release on 5/22/98, coal leases terminated)(12.5 acres released)

Knight Mine (final bond release 4/20/98) (40 acres released)

Hidden Valley Mine (in reclamation, Phase I, leases terminated)

J.B. King (in reclamation, Phase I, leases terminated)

Gordon Creek #2.#8 and #7 (in reclamation, leases terminated)

Smoky Hollow Mine (Application withdrawn 1/22/97)

Trail Canyon Mine (Phase II bond release, fee coal)

Castle Gate Mine (in reclamation, different parts of phased reclamation)

Des-Bee-Dove Mine (final release of 93.18 acres, haul road on 9/1/98)

Horse Canyon Phase I (61.65 acres)

SUFCO Mine added 27.03 federal acres on 1/19/99 (ROW/IBC)

SUFCO Mine added 150 federal acres (Modification of Quitchupah Lease), 3/99

SUFCO Mine added 7172 federal acres (Pines Tract Lease Addition), submitted 7/16/99, MPA on 7/20/2000 (includes 160 acre ROW, approved 9/2/99)

Bear Canyon Mine added Wild Horse Ridge, 1261.71 federal acres and 696.72 non-federal acres, submitted 3/99

Horizon Mine, federal lease addition 1288.49 acres of federal coal, only 317.5 acres of non-federal, CO issued, will submit in 11/99

Dugout revision, submitted 5/21/99, MPA approved 8/2/2000;added 2416 acres of federal coal and 718 acres of non-federal

Horse Canyon (Lila Canyon), added 1531.1 acres of federal and 1610.73 acres of non-federal, DOC in 6/99

Crandall Canyon, 50 Acre IBC approved 9/29/99 (federal)

Changes made in reporting of 10/21/99

Emery Deep, Star Point and Wellington Preparation Plant acres were verified by inspectors and permittees.

- \*Emery Deep disturbed area changed to 40 acres (verified by permittee)
- \*Star Point Mine - Non federal portion increased by 26 acres, due to error found in not accounting for offsite waste rock site
- \*Wellington Preparation Plant - Nonfederal in error. Inspector verified that 1699 acres is the correct permit acreage.

#### Changes in April 1998 for permit acres are being reinstated on October 21, 1999. Bonded area/permit area.

- \*Castle Gate Mine permit area was returned to the original acreage (see April 1998 note)(No change in the permit area has occurred to date/in reclamation, leases still in effect and original permit area is as shown on this table (7619ac (5115.57ac [federal] and 2503.43 ac (non-federal)) and 63 acres of disturbance
  - \*Gordon Creek #2, #7 and #8 Mine - 2300 acres ([1726 federal and 574 non-federal]); leases relinquished and request permit area revision on September 29, 1999 but not approved to date
  - \*Hidden Valley Mine - 960 acres [all non-federal]
  - \*J.B. King Mine - 480 acres [all non-federal]
  - \*Trail Canyon Mine - 280 acres [all non-federal]
- Permitting acreages were:  
 (These changes were made in reporting in April 1998)  
 Castle Gate Mine - 7619ac. (5115.57 [federal] and 2503.43 [non-federal]  
 Gordon Creek #2, #7 and #8 Mine - 2300 acres ([1726 federal and 574 non-federal])  
 Hidden Valley Mine- 960 acres [all non-federal]  
 J.B. King Mine - 480 acres [all non-federal]  
 Trail Canyon Mine- 280 acres [all non-federal]

#### Changes made in January 12, 2000 Report

Wellington removed 126.3 acres from permit area, now equals 1573.5 acres (approved 12/20/99)  
 White Oak submitted 160 acre IBC on December 22, 1999  
 Centennial acreages changed due to reporting errors: Mike Glasson telephone me changes on 1/11/2000: Federal changed from 4744.48 to 4733.51, non-federal changed from 442 to 445.98, disturbed acreage changed from 34.2 to 35.27 and the total permit area changed from 5186.48 to 5179.49.

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J.B. King Mine - Final bond release on 3/24/2000 - 480 acres of permit area [non-federal] and 28 acres of disturbance  
 Sunnyside Mine - Forfeiture on 11/22/96/reclamation completed on 7/1/99 - 287.4 acres of non-federal  
 White Oak Mine - added 160 acres of federal, approved on 3/24/2000  
 Horizon Mine, - federal lease addition of 393 acres, received on 3/15/2000

#### No Changes Made in June 30, 2000 Report

#### Changes Made In September 30, 2000 Report

Skyline Mine - Added 28.7 acres of fee land on August 21, 2000

#### Changes Made in December 30, 2000 Report

Trail Canyon Mine - Final Bond Release on December 28, 2000 (280 acres of non-federal land, 10 acres of disturbance)  
 Blazon Mine - Reclamation Completed on October 4, 2000 (7 acres of non-federal land, 4.65 acres of disturbance)

#### No Changes Made in March 31, 2001 Report

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SUFCO Mine corrected the federal land acreage from 23,970.03 to 23,952.95. The disturbed area changed from 70.98 to 46.003. The total permit area is now 24,632.95  
 The Skyline Mine non-federal lands corrected the acreage from 118.6 to 577.6. The disturbed area changed from 72.32 to 74.31. The permit area total is now 7454.7.  
 The Soldier Canyon Mine federal lands were corrected and changed from 2404 to 4329.15 and non-federal corrected and changed from 5479 to 2327.38, the disturbed was corrected from 24 to 21.82 and the total changes from 7883 to 6656.53.  
 The Willow Creek Mine disturbed area was corrected from 132.9 to 161.55 acres.  
 The Bear Canyon Mine disturbed area was changed from 24 to 36.14 for the Wild Horse Ridge Addition.  
 Emery Deep Mine disturbed area changed from 50 to 247 to match Exhibit A.  
 Dugout Mine corrected federal from 2426 to 2467, disturbed corrected from 20.1 to 22.65, total acres changed from 7169 to 7210.  
 Crandall Canyon Mine corrected non-federal from 1639.70 to 1736, disturbed acres from 20 to 10.7, total acres from 5098 to 5195.  
 Banning Loadout corrected from 24 to 24.42 for federal acres, 21 to 21.6 for disturbed acres and permit total from 36 to 36.42.  
 Horse Canyon Mine due to the Lila Canyon Mine federal lease addition changed (and corrected) from the federal acres from 1968.1 to 5203.17, the nonfederal from 4493.73 to 828.9, the disturbed area from 87 to 122.49, and the total permit area from 6461.83 to 6032.07 acres.



**Star Point Mine** corrected the total permit area from 9084 to 9060 acres, the disturbed acres from 173.2 to 220 and the federal acres from 6945 to 6921.

**White Oak Mine** corrected the federal acreage from 2690 to 2518.59, the non-federal from 1376 to 1387.41 acres. The permit total changed from 4066 to 3906 acres.

**Wildcat Loadout** disturbed acreage changed from 60 to 63.7

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**Dugout Mine** corrected from 7210 acres to 7083.71 acres (corrected per Leach Field Amendment)

**Cottonwood/Wilberg Mine** corrected from 11,508 to 11,532 (on Reclamation Agreement)

**SUFCO Mine** corrected the disturbed area from 46.003 to 27.364 per an amendment.

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**West Ridge Mine** – added 1646.34 acres of federal coal, now equals 4306.61

**Deer Creek Mine** – added Mill Fork Tract (5562.82 acres) and Lease Modification, (65.7 acres), now equals 24,638.52 acres

**Des-Bee-Dove Mine** - reduced permit area from 2847 acres to 154.86 acres.

**Gordon Creek #2, #7 and #8 Mine** - reduced permit area from 2286 acres to 180 acres. Disturbed acreage corrected to 34.88 acres.

#### Changes Made in March 31, 2002 Report

**Savage Coal Terminal** disturbed area changed from 122 to 122.28 acres.

**Skyline Mine** disturbed area changed from 74.31 to 79.12 acres due to correction in plan. Permit area changed from 7554.7 to 7037 due to area calculation errors.

**Soldier Canyon Mine** disturbed area changed from 21.82 to 24.32 acres due to corrections. Permit area changed from 6656.53 acres to 6624.64 acres due to calculation errors.

**Star Point Mine** disturbed area changed from 220 acres to 213.4 acres due to corrections.

**Trail Mountain Mine** disturbed area changed from 24.78 acres to 10.69 acres due to corrections.

**West Ridge Mine** federal acreage changed from 4297.01 to 3083.38 acres, changes in Whitmore Canyon Tract. Nonfederal acreage changed from 120 to 1224.251, changes in Whitmore Canyon Tract. Disturbed area changed from 29 to 29.06 acres. Permit area changed from 4306.61 to 4307.63 acres.

Added forfeiture site acreages: **Blazon** (7 acres), **Boyer** (129 acres), **New Tech** (3 acres), **Summit Minerals** (14 acres), and **Sunnyside** (287.4 acres).

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**Centennial Mine** added 240 acres to the permit area, the Mathis Lease.

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**Skyline Mine** adding 3243 federal coal and surface acres (North Lease aka Winter Quarters).

**White Oak Mine**, corrected disturbed area from 140.2 to 151.1 acres (surface mine operation correction).

#### Changes Made in the December 30, 2002 Report

**Skyline Mine** added 3291 federal coal and surface acres (North Lease), totals were changed to 9688 federal lands, 686 non-federal lands.

#### Changes Made in the March 31, 2003 Report

**Star Point Waste Fuel (Refuse)**, 152.81 acres (permit and federal acres), 88.78 disturbed acres

**Star Point**, reduced area (Star Point Waste Fuel [Refuse]), 8931.19 permit area, 124.62 acres of disturbed area, 6792.19 acres of federal acreages.

#### Changes Made in the June 30, 2003 Report

**West Ridge Mine**, added 74.92 fee coal and surface acres (Penta Creek addition).

#### No Changes Made in the September 30, 2003 Report

#### Changes Made in the December 31, 2003 Report

**Crandall Canyon Mine**, add 880 acres to the permit area (federal acres), South Crandall Canyon submittal

**Emery Deep Mine**, revised the permit area from 5180 to 5060 acres (correction), decreased the non-federal lands from 4375 to 4255 due to correction, and revised the disturbed area from 247 acres to 289.6 (added 1.5 acres and the others were corrections).

**Star Point Mine**, revised the permit to 8925.55 acres due to Phase III bond release (gas wells), revised the non federal acreage to 2133.36 from 2139 acres also.

**Dugout Mine**, revised disturbed area from 22.65 to 51.1 to include refuse pile and degas wells.

Changes Made in the March 31, 2004 Report

**Deer Creek Mine**, permit area reduction, permit area reduced from 24, 638.52 to 22, 769.06 (federal lands reduced from 17, 141.52 to 16, 028.72, non-federal lands reduced from 7497 to 6740.34, and the disturbed area reduced from 95.8 to 84.34 acres [no bond release for disturbed acreage, correction from surveyed areas])

**Cottonwood/Wilberg Mine**, permit area reduction, permit area reduced from 11,508 to 6886.88 (federal lands reduced from 10,978 to 6786.88, nonfederal lands reduced from 530 acres to 100 acres, and disturbed area reduced from 101.74 to 62.82 – revised in 2002, corrected ROW at waste rock site)

**Dugout Mine**, adding 2360 acres, SITLA coal lease, no federal acreage (4616.71 federal acres)

**Centennial Mine**, adding 1182.53 acres (702.53 federal, 480 non-federal)

**Crandall Canyon Mine**, adding 40 acres of federal to the South Crandall Canyon submittal

No changes to the June 30, 2004 Report

Changes Made in the September 30, 2004 Report

**Willow Creek Mine**, Phase III bond release approved on October 9, 2003 for 7.51 acres (now 154.04 acres)

**Star Point Mine**, Phase III bond release approved on December 24, 2003 for 5.64 acres (now 113.34 acres)

**Gordon Creek #2, #7 and #8 Mine**, Phase III bond release approved on October 9, 2003 for .73 acres (now 34.15 acres)

**Bear Canyon Mine**, IBC lease modification for 40 acres submitted on September 22, 2004 (40 federal acres)

Changes Made in the December 31, 2004 Report

**Crandall Canyon Mine**, 120 acre IBC submitted on 10/21/04, approved on March 28, 2005

Changes Made in the March 31, 2005 Report

**SUFCO (Convulsion Canyon Mine)**, submitted SITLA lease for 2134.19 acres

**West Ridge Mine**, added 50 acres IBC fee, approved on 4/15/2005

**West Ridge Mine** submitted SITLA lease application (1638 acres) on 3/2//2005

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UTAH MINES - PERMIT ACREAGE (March 31, 2005) (with forfeiture sites)				
Mine Name	Federal Lands	Non-Federal Lands	Disturbed Area	Permit Total
Banning	24.42	12	21.6	36.42
Bear Canyon	1,646.71	1729.47	36.64	3,376.18
Blazon* (Forfeited - Reclamation Completed on October 4, 2000)		7	7	7
Boyer* (Forfeited - Reclamation completed on November 20, 1997)		129	129	129
Castle Gate	5115.57	2503.43	63	7619
Centennial	5,436.04	1165.98	35.27	6602.02
Convulsion Canyon (SUFCO)	23,952.95	2814.19	27.364	26, 767.14
Cottonwood/Wilberg	6786.88	100	62.82	6886.88
Crandall Canyon	4,499	1,736.8	10.7	6,235.8
Deer Creek	16, 028.72	6740.34	84.34	22,769.06
Des Bee Dove		154.86	23.88	154.86
Dugout Mine	2467	6976.71	51.1	9443.71
Emery Deep	805	4,255	289.6	5,060
Gordon Creek #2, #7, & #8		179.27	34.15	179.27
Gordon Creek #3 & #6 *(Final bond Release 5/22/98)				
Hiawatha	5,724	6,453	290	12,177
Hidden Valley		960	6.7	960
Horizon	1681.49	317.50	9.5	1998.99
Horse Canyon	5203.17	828.9	122.49	6032.07
Huntington #4 *(Final bond release 5/22/98)				
J.B. King * (Final bond release on 3/24/2000)				
Knight* (Final bond release 4/20/98)				
New Tech* (Forfeited reclaimed, Exploration, not perm. Program)		3	3	3
Savage Coal Terminal		160	122.28	160
Skyline	9688	686	79.12	10,374
Smoky Hollow*				
Soldier Canyon	4329.15	2295.49	24.32	6624.64

Star Point	6,786.55	2,133.36	113.34	8919.91
Star Point Waste Fuel (Refuse)	152.81		88.78	152.81
Summit Minerals* (Forfeited - Reclamation Completed on April 17, 1997)		14	14	14
Sunnyside (Forfeiture 11/22/96 - Reclamation Complete on 7/1/99)		287.4	287.4	287.4
Sunnyside Cogeneration		310	202	310
Trail Canyon (Final bond release on 12/28/2000)				
Trail Mountain	3,485	54	10.69	3,539
Wellington Prep Plant		1573.5	392	1573.5
White Oak #1 & #2	2,518.59	1387.41	151.1	3906
Wildcat Loadout	100		63.7	100
Willow Creek	4,974.49	9,688	154.04	14,662.49
West Ridge Mine	3,083.38	2987.17	29.06	6070.55
TOTALS	114,568.92	58,643.51	3090.36	173,101.35

Notes:

Blazon Mine is in forfeiture (to be reclaimed by DOGM)

Sunnyside Mine is in forfeiture (being reclaimed by DOGM)

Gordon Creek #3 and #6 (final Phase III bond release on 5/22/98, state coal leases terminated) (17.3 acres released)

Huntington #4 (final Phase III bond release on 5/22/98, coal leases terminated)(12.5 acres released)

Knight Mine (final bond release 4/20/98) (40 acres released)

Hidden Valley Mine (in reclamation, Phase I, leases terminated)

J.B. King (in reclamation, Phase I, leases terminated)

Gordon Creek #2.#8 and #7 (in reclamation, leases terminated)

Smoky Hollow Mine (Application withdrawn 1/22/97)

Trail Canyon Mine (Phase II bond release, fee coal)

Castle Gate Mine (in reclamation, different parts of phased reclamation)

Des-Bee-Dove Mine (final release of 93.18 acres, haul road on 9/1/98)

Horse Canyon Phase I (61.65 acres)

SUFCO Mine added 27.03 federal acres on 1/19/99 (ROW/IBC)

SUFCO Mine added 150 federal acres (Modification of Quitchupah Lease), 3/99

SUFCO Mine added 7172 federal acres (Pines Tract Lease Addition), submitted 7/16/99, MPA on 7/20/2000 (includes 160 acre ROW, approved 9/2/99)

Bear Canyon Mine added Wild Horse Ridge, 1261.71 federal acres and 696.72 non-federal acres, submitted 3/99

Horizon Mine, federal lease addition 1288.49 acres of federal coal, only 317.5 acres of non-federal, CO issued, will submit in 11/99

Dugout revision, submitted 5/21/99, MPA approved 8/2/2000;added 2416 acres of federal coal and 718 acres of non-federal

Horse Canyon (Lila Canyon), added 1531.1 acres of federal and 1610.73 acres of non-federal, DOC in 6/99

Crandall Canyon, 50 Acre IBC approved 9/29/99 (federal)

Changes made in reporting of 10/21/99

Emery Deep, Star Point and Wellington Preparation Plant acres were verified by inspectors and permittees.

\*Emery Deep disturbed area changed to 40 acres (verified by permittee)

\*Star Point Mine - Non federal portion increased by 26 acres, due to error found in not accounting for offsite waste rock site

\*Wellington Preparation Plant - Nonfederal in error. Inspector verified that 1699 acres is the correct permit acreage.

Changes in April 1998 for permit acres are being reinstated on October 21, 1999. Bonded area/permit area.

\*Castle Gate Mine permit area was returned to the original acreage (see April 1998 note)(No change in the permit area has occurred to date/in reclamation, leases still in effect and original permit area is as shown on this table (7619ac (5115.57ac [federal] and 2503.43 ac (non-federal)) and 63 acres of disturbance

\*Gordon Creek #2, #7 and #8 Mine - 2300 acres ([1726 federal and 574 non-federal]); leases relinquished and request permit area revision on September 29, 1999 but not approved to date

\*Hidden Valley Mine - 960 acres [all non-federal]

\*J.B. King Mine - 480 acres [all non-federal]

\*Trail Canyon Mine - 280 acres [all non-federal]

Permitting acreages were:

(These changes were made in reporting in April 1998)

Castle Gate Mine - 7619ac. (5115.57 [federal] and 2503.43 [non-federal]

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